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DYNAMIC BANDWIDTH ALLOCATION TO TRANSMIT A  
WIRELESS PROTOCOL ACROSS A CODE DIVISION  
MULTIPLE ACCESS (CDMA) RADIO LINK

ABSTRACT OF THE DISCLOSURE

5       A technique for transmission of wireless signals  
across CDMA radio links. Bandwidth is allocated  
dynamically within a session to specific CDMA subscriber  
unit based upon data rate determinations. Specifically, a  
dynamic bandwidth allocation algorithm operates from limits  
10       calculated based upon available ports per subscriber,  
expected user bandwidth, and parallel user bandwidth versus  
throughput. Provisions for priority service, unbalanced  
forward and reverse spectrum utilization, voice  
prioritization, and band switching are also made.